

The diagram illustrates a system architecture for monitoring and controlling a power plant. It features multiple input sources (Source 1, Source 2, ..., Source N) feeding into two main processing paths, 32 and 36, which then connect to a Central Facility (46).

**Path 36 (Top):** This path processes data from Source 1. The signal enters a Receiver (RCVR, 34), which is connected to a Measurement block (48). The Measurement block is also connected to a Memory block (MEM, 44) and a Modem (53). The Modem is connected to the Central Facility (46). A clock symbol (38) is shown near the Modem. A feedback loop (50) connects the Measurement block back to the RCVR. A label 52 points to the Modem.

**Path 32 (Bottom):** This path processes data from multiple sources (Source 2, ..., Source N). Each source feeds into a corresponding Tuner (Tuner 1, Tuner 2, ..., Tuner N). Each Tuner is connected to a Measurement block (48). The Measurement blocks are connected to a Memory block (44) and a Modem (52). The Modem is connected to the Central Facility (46). A label 54 points to the Modem.

**Central Facility (46):** The Central Facility receives data from the Modems in both paths 32 and 36. It is connected to a Memory block (44) and a Modem (52).

FIG. 2

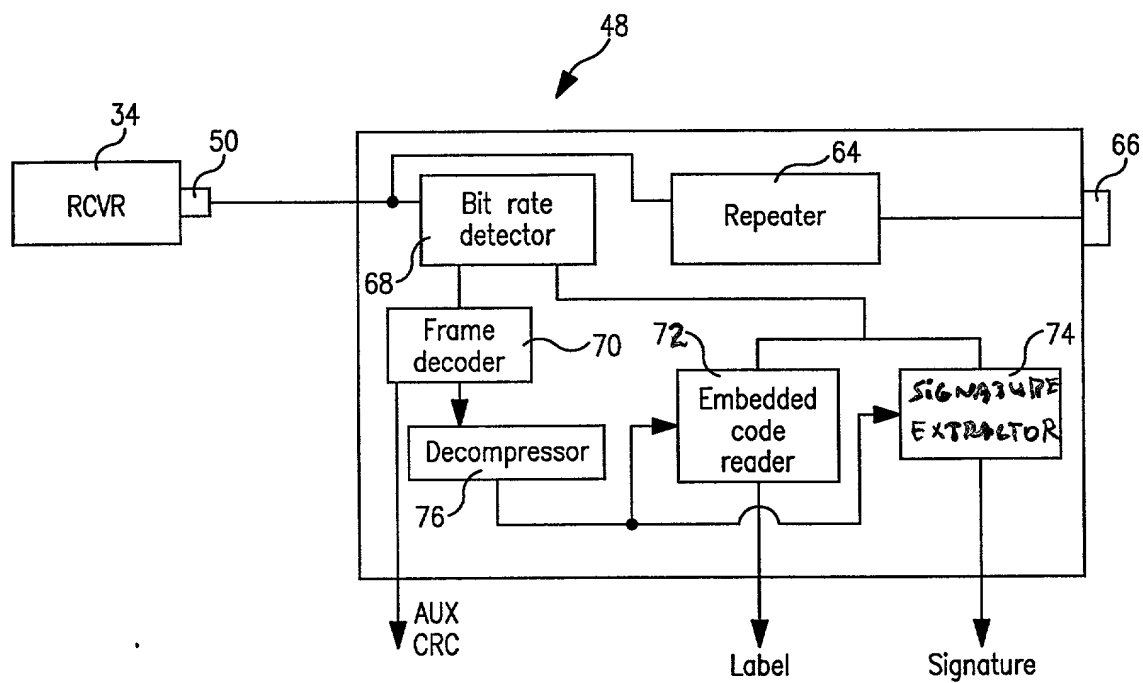


FIG. 3

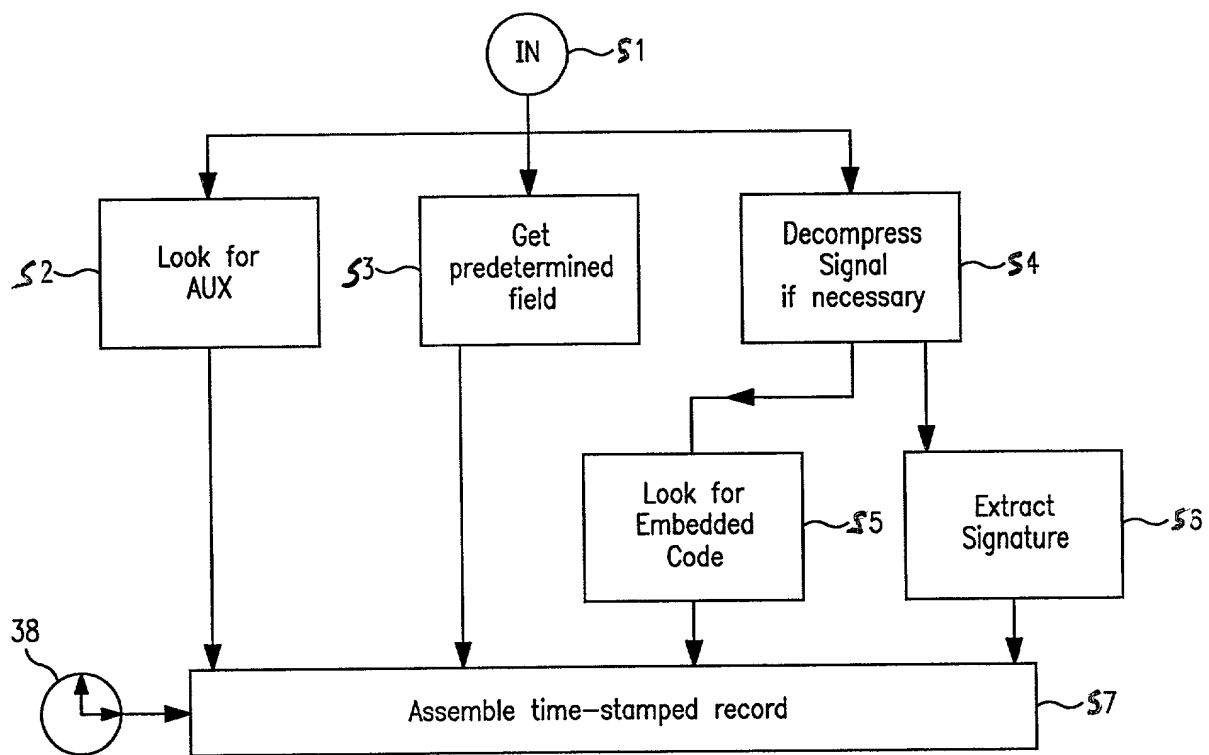


FIG. 4